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State of Utah

DEPARTMENT OF NATURAL RESOURCES

Division of Oil, Gas & Mining

MICHAEL R. STYLER
Executive Director

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Division Director

Inspection Report Minerals Regulatory Program July 20, 2011

Reviewed: 

Mine Name: Topaz Mine	Permit Number: M/023/0003
Operator Name: Materion Natural Resources	Inspection Date: July 13, 2011
Inspector(s): Wayne Western DOGM, John Wagner Materion	Time: 8:30 am – 11:45 am
Other Participants:	Mine Status: Active

Elements of Inspection	Evaluated	Comment	Enforcement
1. Permits, Revisions, Transfer, Bonds	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Public Safety (shafts, adits, trash, signs, highwalls)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Protection of Drainages / Erosion Control	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Deleterious Material	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Roads (maintenance, surfacing, dust control, safety)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Concurrent Reclamation	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7. Backfilling/Grading (trenches, pits, roads, highwalls, shafts, drill holes)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Water Impoundments	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9. Soils	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Re-vegetation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Air Quality	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Purpose of Inspection:

This was a routine inspection. The Division usually conducts annual inspections of all large active mining operations

Inspection Summary:

The Permittee is current on the annual permit fees. The bond is for \$1,255,689.00 and is due for renewal on December 29, 2011. **The Permittee should submit revised bond calculations using the Division's worksheets prior to the bond renewal date.**

The Permittee has placed signs warning the public not to enter into the mine site. The mine is located near popular rock hounding areas. There are no shafts or adits within the mine boundary. There are abandoned mine shafts near the mine that AML is aware of.

The site receives limited precipitation. A catch basin was constructed near the overburden pile areas but has not filled due to flows from the adjacent canyon according to the Permittee. Most of the flows are sheet flows and there is no sign of erosion.

The Permittee maintains the site in good working order and there is no deleterious materials on site except for in approved disposal areas.

The Permittee uses water trucks to control dust.

The Permittee is active in concurrent reclamation. The general plan is to reclaim each spoil pile once it has been finished.

Conclusions and Recommendations:

The Division should continue to monitor the site.

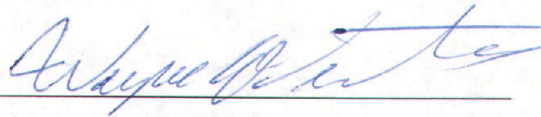
Inspector's Signature

WHW

cc: (OPERATOR)

John Blake SITLA

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Main active pit



Mine site looking to the north



Reclamation efforts, vegetation and rock piles to support wildlife



Rock piles provide habitat for small animals